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(74) Agents: DRAPER, Martyn, John et al.; Boulton Wade Ten-
nant, Verulam Gardens, 70 Gray's Inn Road, London (GB).

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(71) Applicant (*for all designated States except US*): MICRO-
GEN ENERGY LIMITED [GB/GB]; 100 Thames Valley
Park Drive, Reading, Berkshire RG6 1PT (GB).

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(54) Title: A STIRLING ENGINE ASSEMBLY

(57) Abstract: A Stirling engine assembly (1) comprising a Stirling engine (4) having a head (8). A burner (7) surrounds the head and comprises a burner element on which a flame is sustained. The burner is fed with a combustible gas stream. A recuperator (20) preheats the gas stream with combustion products from the burner. A coolant circuit (32) is positioned to absorb heat, which is radiated from the back of the burner element away from the head, into a coolant stream separate from the gas stream.